

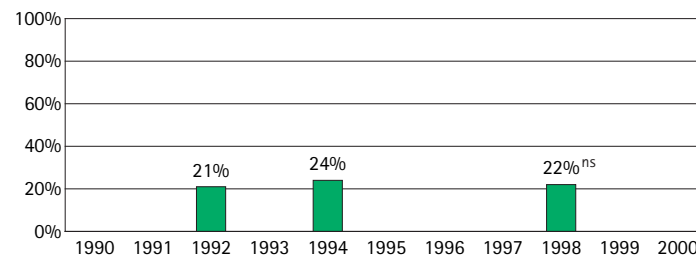
## 1. Improvement Over Time

Have Arizona's 4th graders improved in reading achievement?

*Not yet. Between 1992 and 1998, there was no significant change in the percentage of public school 4th graders who met the Goals Panel's performance standard in reading.*

*The Goals Panel has set its performance standard at the two highest levels of achievement – Proficient or Advanced – on the National Assessment of Educational Progress, or NAEP.*

Percentage of public school 4th graders at or above Proficient on the NAEP reading assessment



<sup>ns</sup> Interpret with caution. Change was not statistically significant.  
Reading performance will be tested again in 2002.

## 2. State Comparisons<sup>†</sup>

How did Arizona compare with other states in 4th grade reading achievement in public schools in 1998?

**25 states had significantly higher<sup>1</sup> percentages of students who were at or above Proficient on NAEP:**

Connecticut	46%	<b>U.S.*</b>	<b>31%</b>
New Hampshire	38%	Oklahoma, Virginia, Wyoming	30%
Massachusetts, Montana	37%	Kentucky, Maryland, Missouri,	29%
Maine, Minnesota	36%	New York, Texas, Washington,	
Iowa	35%	West Virginia	
Colorado, Kansas, Wisconsin	34%	Michigan, North Carolina, Oregon,	28%
Rhode Island	32%	Utah	

**11 states had similar<sup>1</sup> percentages of students who were at or above Proficient on NAEP:**

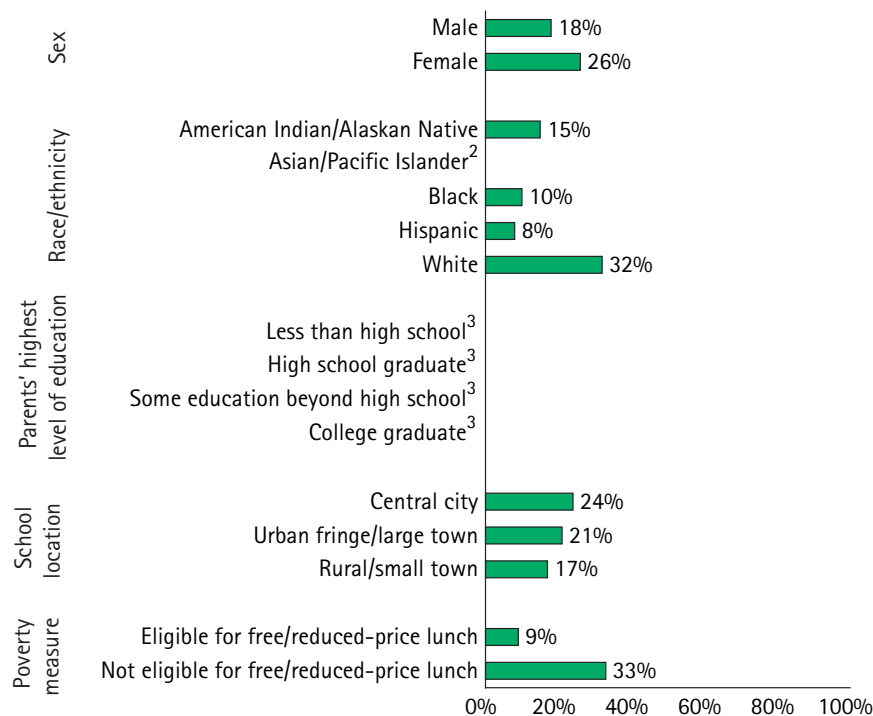
Delaware, Tennessee	25%	Nevada	21%
Alabama, Georgia	24%	California	20%
Arkansas, Florida	23%	Louisiana	19%
<b>Arizona</b> , New Mexico, South Carolina	<b>22%</b>		

**4 states had significantly lower<sup>1</sup> percentages of students who were at or above Proficient on NAEP:**

Mississippi	18%	District of Columbia	10%
Hawaii	17%	Virgin Islands	8%

## 3. Subgroup Performance

What percentages of public school 4th graders in different subgroups<sup>1</sup> in Arizona were at or above Proficient on the 1998 NAEP reading assessment?



<sup>†</sup> The term "state" is used to refer to the 50 states, the District of Columbia, and the territories.

<sup>1</sup> See explanation on pp. 2-3.

\* Figure shown for the U.S. includes both public and nonpublic school data.

<sup>1</sup> Interpret differences between subgroups with caution. See pp. 2-3 and Appendix D.

<sup>2</sup> Characteristics of the sample do not permit a reliable estimate.

<sup>3</sup> No data reported for 4th graders by parents' highest level of education in 1998.

## 1. Improvement Over Time

Have Arizona's 8th graders improved in reading achievement?

*In 1998, 28% of Arizona's public school 8th graders met the Goals Panel's performance standard in reading. Improvement over time will be reported when reading is assessed again in 2002.*

*The Goals Panel has set its performance standard at the two highest levels of achievement – Proficient or Advanced – on the National Assessment of Educational Progress, or NAEP.*

Percentage of public school 8th graders at or above Proficient on the NAEP reading assessment



Reading performance will be tested again in 2002.

## 2. State Comparisons<sup>†</sup>

How did Arizona compare with other states in 8th grade reading achievement in public schools in 1998?

**6 states had significantly higher<sup>1</sup> percentages of students who were at or above Proficient on NAEP:**

Connecticut, Maine	42%	Massachusetts	36%
Montana	38%	Kansas	35%
Minnesota	37%	<b>U.S.*<sup>2</sup></b>	<b>33%</b>

**20 states had similar<sup>1</sup> percentages of students who were at or above Proficient on NAEP:**

New York <sup>2</sup>	34%	<b>Arizona</b> , Texas	<b>28%</b>
Oregon, <sup>2</sup> Virginia, <sup>2</sup> Wisconsin <sup>2</sup>	33%	West Virginia	27%
Washington	32%	Tennessee	26%
Maryland, North Carolina, Utah	31%	Delaware, Georgia	25%
Colorado, Rhode Island	30%	New Mexico <sup>2</sup>	24%
Kentucky, Missouri, Oklahoma, Wyoming	29%		

**11 states had significantly lower<sup>1</sup> percentages of students who were at or above Proficient on NAEP:**

Nevada <sup>2</sup>	24%	Hawaii, Mississippi	19%
Arkansas, Florida	23%	Louisiana	18%
California, South Carolina	22%	District of Columbia	12%
Alabama	21%	Virgin Islands	10%

<sup>†</sup> The term "state" is used to refer to the 50 states, the District of Columbia, and the territories.

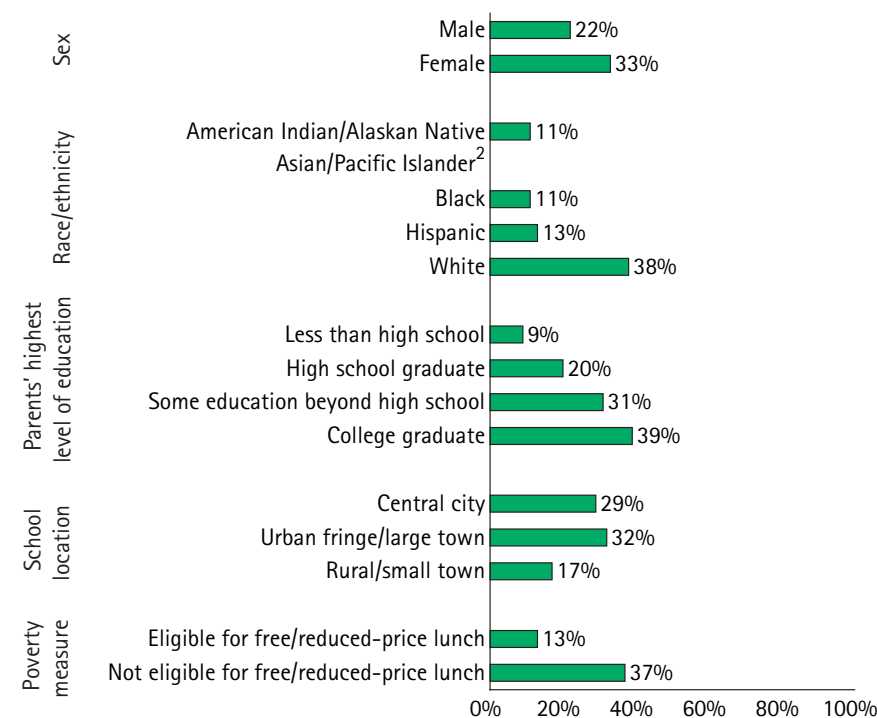
<sup>1</sup> See explanation on pp. 2-3.

<sup>2</sup> State may appear to be out of place; however, statistically its placement is correct. See pp. 2-3.

\* Figure shown for the U.S. includes both public and nonpublic school data.

## 3. Subgroup Performance

What percentages of public school 8th graders in different subgroups<sup>1</sup> in Arizona were at or above Proficient on the 1998 NAEP reading assessment?



<sup>1</sup> Interpret differences between subgroups with caution. See pp. 2-3 and Appendix D.

<sup>2</sup> Characteristics of the sample do not permit a reliable estimate.